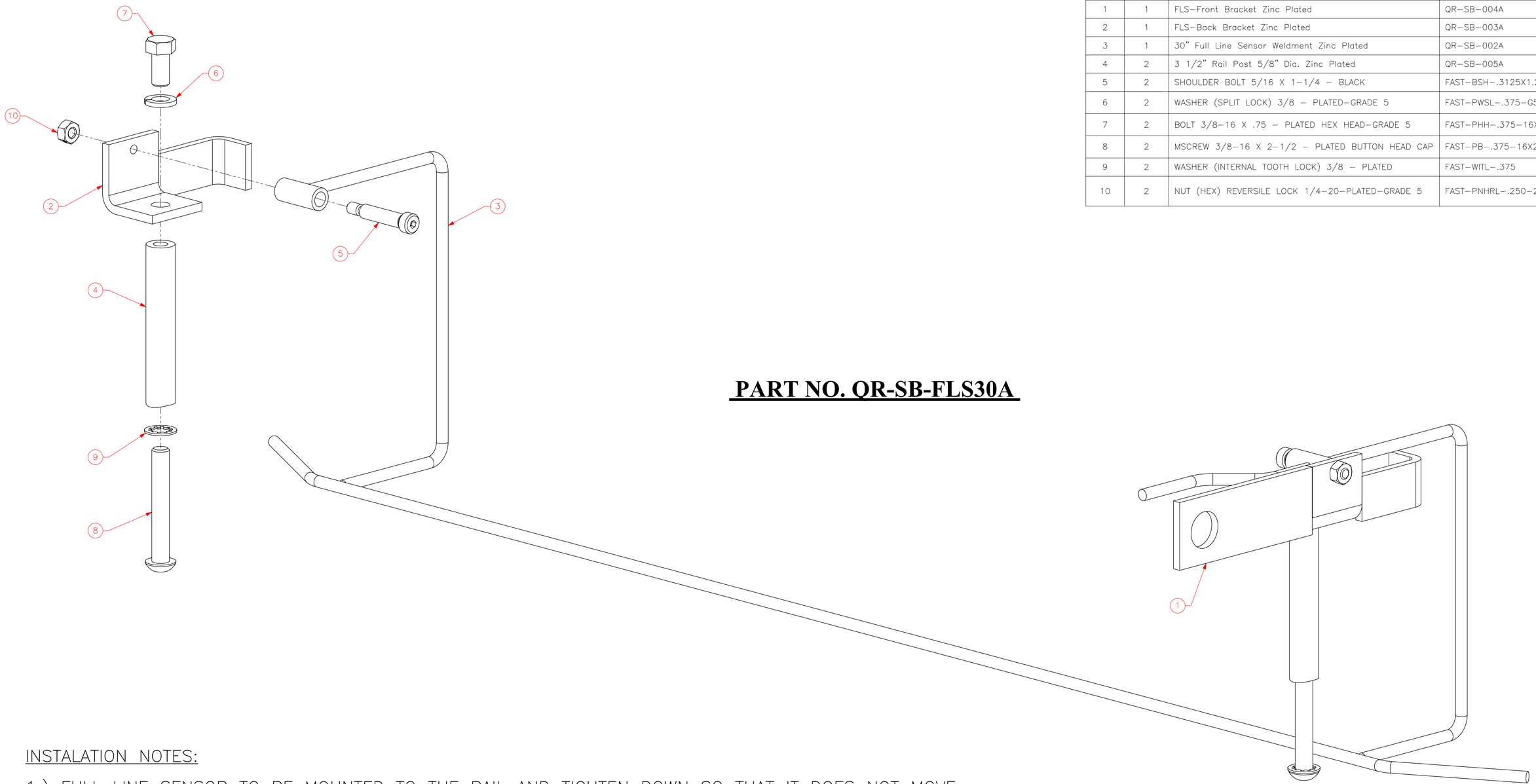
ITEM	QTY.	DESCRIPTION	PART NO.
1	1	FLS–Front Bracket Zinc Plated	QR–SB–004A
2	1	FLS–Back Bracket Zinc Plated	QR–SB–003A
3	1	30" Full Line Sensor Weldment Zinc Plated	QR–SB–002A
4	2	3 1/2" Rail Post 5/8" Dia. Zinc Plated	QR–SB–005A
5	2	SHOULDER BOLT 5/16 X 1–1/4 – BLACK	FAST–BSH–.3125X1.25
6	2	WASHER (SPLIT LOCK) 3/8 – PLATED–GRADE 5	FAST–PWSL–.375–G5
7	2	BOLT 3/8–16 X .75 – PLATED HEX HEAD–GRADE 5	FAST–PHH–.375–16X.75–G5
8	2	MSCREW 3/8–16 X 2–1/2 – PLATED BUTTON HEAD CAP	FAST–PB–.375–16X2.5
9	2	WASHER (INTERNAL TOOTH LOCK) 3/8 – PLATED	FAST–WITL–.375
10	2	NUT (HEX) REVERSILE LOCK 1/4–20–PLATED–GRADE 5	FAST–PNHRL–.250–20–G5



PART NO. QR-SB-FLS30A

INSTALATION NOTES:

1.) FULL LINE SENSOR TO BE MOUNTED TO THE RAIL AND TIGHTEN DOWN SO THAT IT DOES NOT MOVE.
2.) WHEN THE BRACKETS ARE TIGHTENED (ITEMS 1 & 10) WITH (ITEM 6) IT IS NECESSARY TO MAKE SURE THAT ITEM (2) IS COMPLETELY LOOSE, SITTING ON THE RAIL AND PARALLEL TO THE RAIL WHEN COMPLETE.
3.) ONCE THE FULL LINE SENSOR IS LOCK INTO POSITION IT WILL BE NESSARY TO ADJUST THE 1/4" ROD THAT THE PHOTO EYE IS SENCING.
4.) TO ACOMPOLISH THIS THE TROLLEY NEEDS TO BE IN THE FULL LINE SENSOR AND THE 1/4 ROD NEEDS TO BE IN THE CENTER OF THE PHOTO EYE. WHEN THE TROLLEY IS NOT IN THE FULL LINE SENSOR THE PHOTO EYE MUST NOT READ THE 1/4" ROD.
5.) BY MOVING THE PHOTO EYE CLOSER TO THE ROD, WILL NARROW THE SENCING FIELD AND MOVING IT OUT WILL INCREASE THE FIELD. IT WILL BE NESSARY TO TEST THE FULL INLINE SENSOR MULTIPLE TIMES TO ACHIEVE PROPER ADJUSTMENT.

LTR.	DATE	DESCRIPTION	BY
A	3-14-11	ORIGINAL ISSUE	BRE

REVISIONS

FABRICATION TOLERANCES

UNLESS NOTED
FRACTIONS ±1/32"
DECIMAL ±0.005"
ANGULAR ±1/2°

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	DATE
DRAWN/DESIGNED: BRE	3-14-11
MACHINE SHOP: ----	----
PRODUCTION: ----	----
ENGINEERING: ----	----

SOFTROL
1100 NORTHPOINT PKWY. ACWORTH, GA.30102
PHONE: 770-974-2700 FAX: 770-974-0435

TITLE: 30" Full Line Sensor Complete Assembly

SIZE: D | PART NO / FILE NAME: QR-SB-FLS30A | REV: A

SCALE: 1:1 | SHEET: 1